

[illegible]



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Figure 2a

GAA	GTG	CAG	CTG	GTG	GAG	TCT	CGG	GGA	GGC	TTA	GTG	AAG	CCT	CGA	AGG	48
Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Leu	Val	Lys	Pro	Gly	Arg	
1				5					10					15		
TCC	CTG	AGA	CTC	TCC	TGT	GCA	GCC	TCT	GGA	TTC	GCT	TTC	AGT	AGC	TAT	96
Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Ala	Phe	Ser	Ser	Tyr	
			20					25					30			
GAC	ATG	TCT	TGG	GTT	CGC	CAG	ATT	CCG	GAG	AAG	AGG	CTG	GAG	TGG	GTC	144
Asp	Met	Ser	Trp	Val	Arg	Gln	Ile	Pro	Glu	Lys	Arg	Leu	Glu	Trp	Val	
		35					40					45				
GCA	AAA	GTT	AGT	AGT	GGT	GGT	GGT	AGC	ACC	TAC	TAT	TTA	GAC	ACT	GTG	192
Ala	Lys	Val	Ser	Ser	Gly	Gly	Gly	Ser	Thr	Tyr	Tyr	Leu	Asp	Thr	Val	
	50					55					60					
CAG	GGC	CGA	TTC	ACC	ATC	TCC	AGA	GAC	AAT	GCC	AAG	AAC	ACC	CTA	TAC	240
Gln	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ala	Lys	Asn	Thr	Leu	Tyr	
65					70				75					80		
CTG	CAA	ATG	AGC	AGT	CTG	AAC	TCT	GAG	GAC	ACA	GCC	ATG	TAT	TAC	TGT	288
Leu	Gln	Met	Ser	Ser	Leu	Asn	Ser	Glu	Asp	Thr	Ala	Met	Tyr	Tyr	Cys	
				85				90					95			
GCA	AGA	CAT	AAC	TAC	GGC	AGT	TTT	GCT	TAC	TGG	GGC	CAA	GGG	ACT	CTG	336
Ala	Arg	His	Asn	Tyr	Gly	Ser	Phe	Ala	Tyr	Trp	Gly	Gln	Gly	Thr	Leu	
			100					105				110				
GTC	ACT	GTC	TCT	GCA												351
Val	Thr	Val	Ser	Ala												
				115												

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Figure 2b

GAT	ATT	GTG	CTA	ACT	CAG	TCT	CCA	GCC	ACC	CTG	TCT	GTG	ACA	CCA	GGA	48
Asp	Ile	Val	Leu	Thr	Gln	Ser	Pro	Ala	Thr	Leu	Ser	Val	Thr	Pro	Gly	
1				5					10					15		
GAT	AGC	GTC	AGT	CTT	TCC	TGC	CAG	GCC	AGC	CAA	AGT	ATT	AGC	AAC	CAC	96
Asp	Ser	Val	Ser	Leu	Ser	Cys	Gln	Ala	Ser	Gln	Ser	Ile	Ser	Asn	His	
			20					25					30			
CTA	CAC	TGG	TAT	CAA	CAA	AAA	TCA	CAT	GAG	TCT	CCA	AGG	CTT	CTC	ATC	144
Leu	His	Trp	Tyr	Gln	Gln	Lys	Ser	His	Glu	Ser	Pro	Arg	Leu	Leu	Ile	
		35					40					45				
AAG	TAT	CCT	TCC	CAG	TCC	ATC	TCT	GGG	ATC	CCC	TCC	AGG	TTC	AGT	GGC	192
Lys	Tyr	Arg	Ser	Gln	Ser	Ile	Ser	Gly	Ile	Pro	Ser	Arg	Phe	Ser	Gly	
	50					55					60					
AGT	GGA	TCA	GGG	ACA	GAT	TTC	GCT	CTC	AGT	ATC	AAC	AGT	GTG	GAG	ACT	240
Ser	Gly	Ser	Gly	Thr	Asp	Phe	Ala	Leu	Ser	Ile	Asn	Ser	Val	Glu	Thr	
65					70					75				80		
GAA	GAT	TTT	GGA	ATG	TAT	TTC	TGT	CAA	CAG	AGT	GGC	AGC	TGG	CCT	CAC	288
Glu	Asp	Phe	Gly	Met	Tyr	Phe	Cys	Gln	Gln	Ser	Gly	Ser	Trp	Pro	His	
				85					90					95		
ACG	TTC	GGA	GGG	GGG	ACC	AAG	CTG	GAA	ATT	AAG						321
Thr	Phe	Gly	Gly	Gly	Thr	Lys	Leu	Glu	Ile	Lys						
			100					105								

[illegible]

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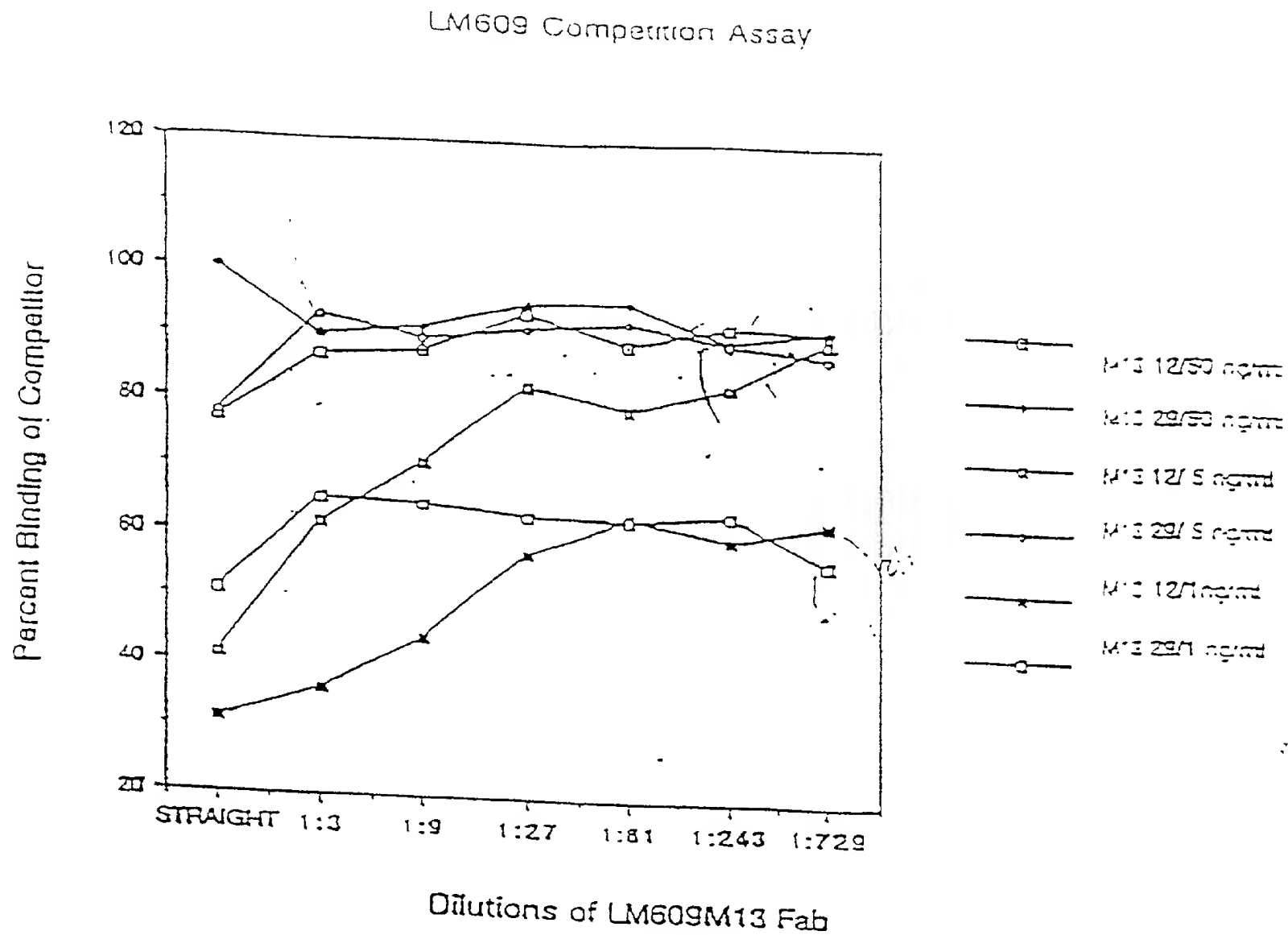


Figure 3

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Figure 4A

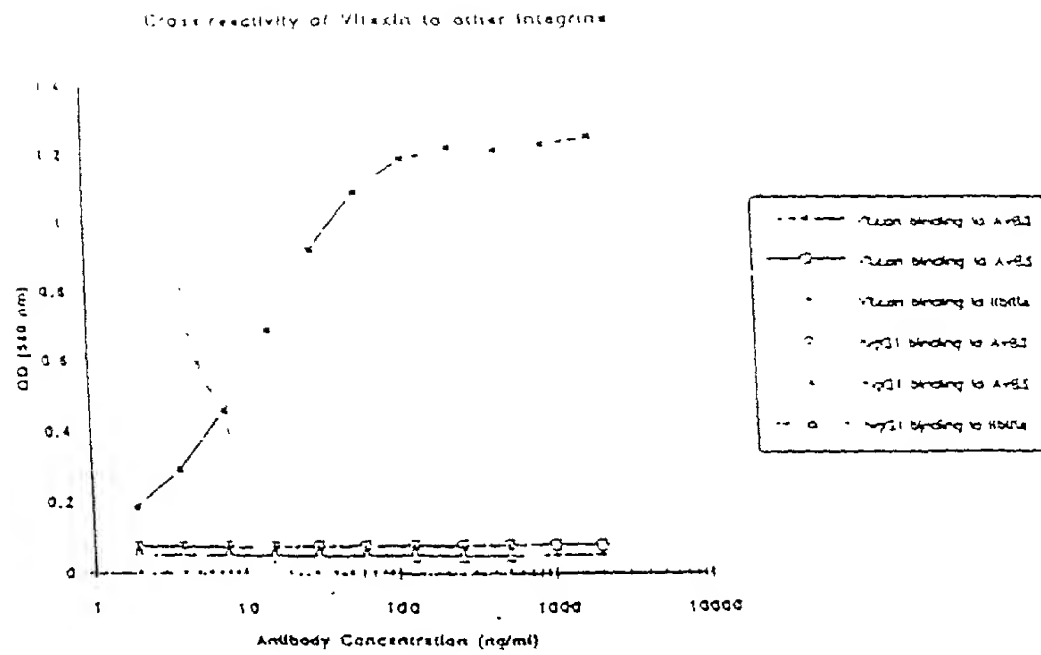


Figure 4B

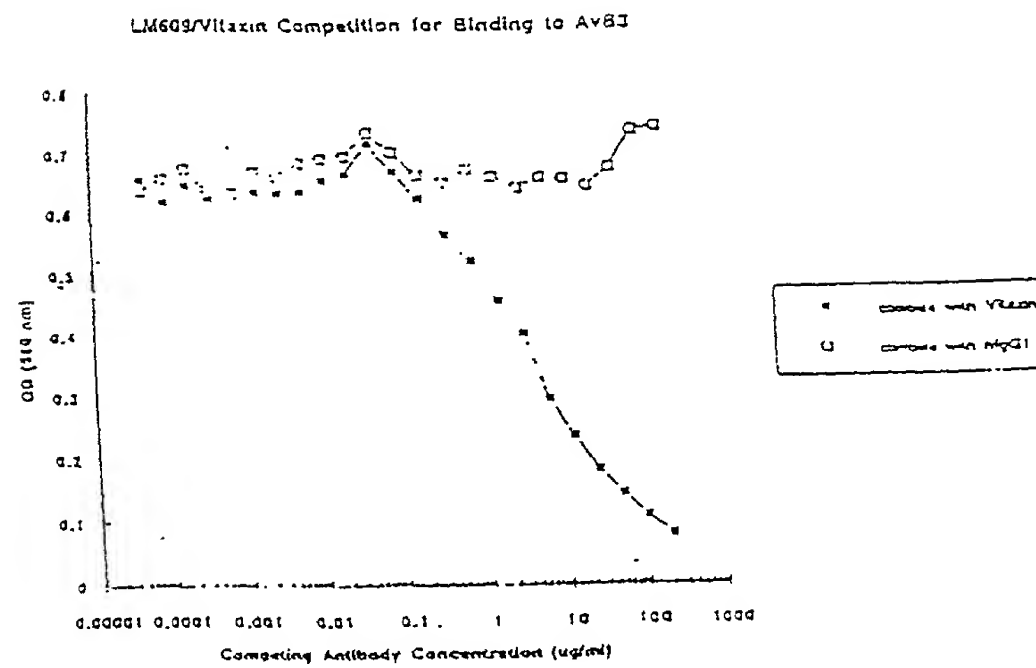
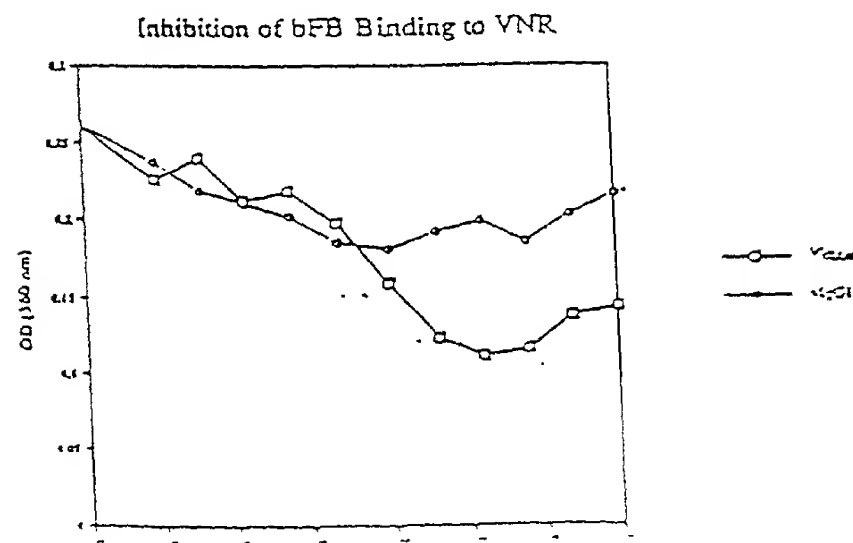


Figure 4C



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Figure 5A

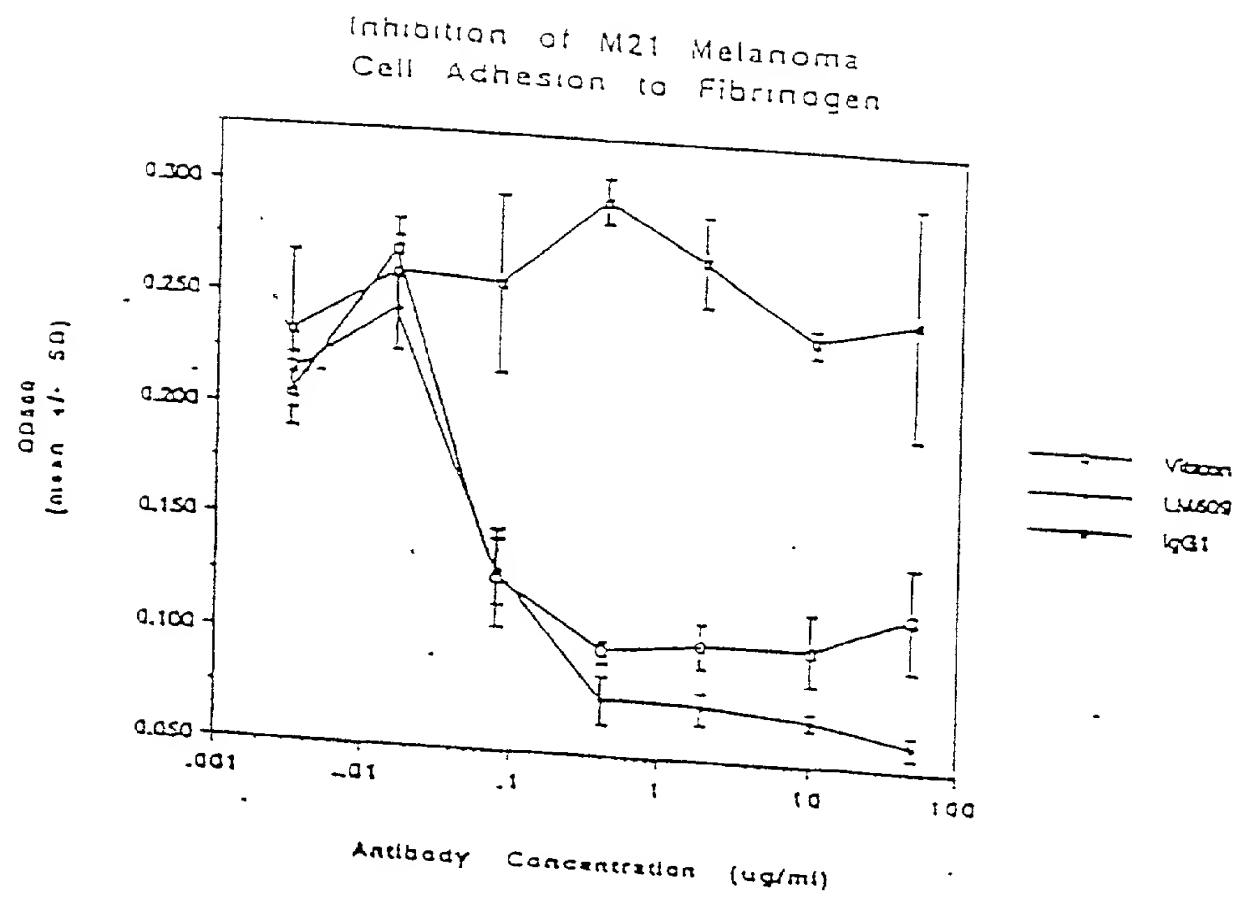


Figure 5B

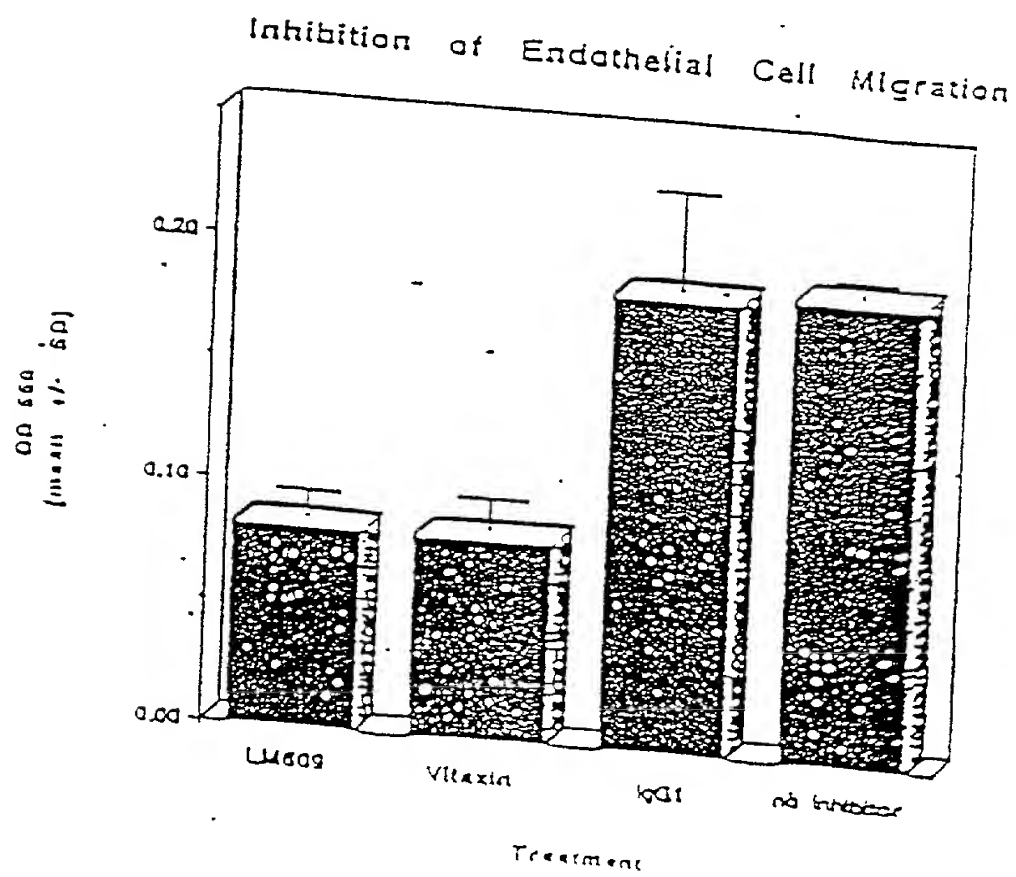


Figure 6A

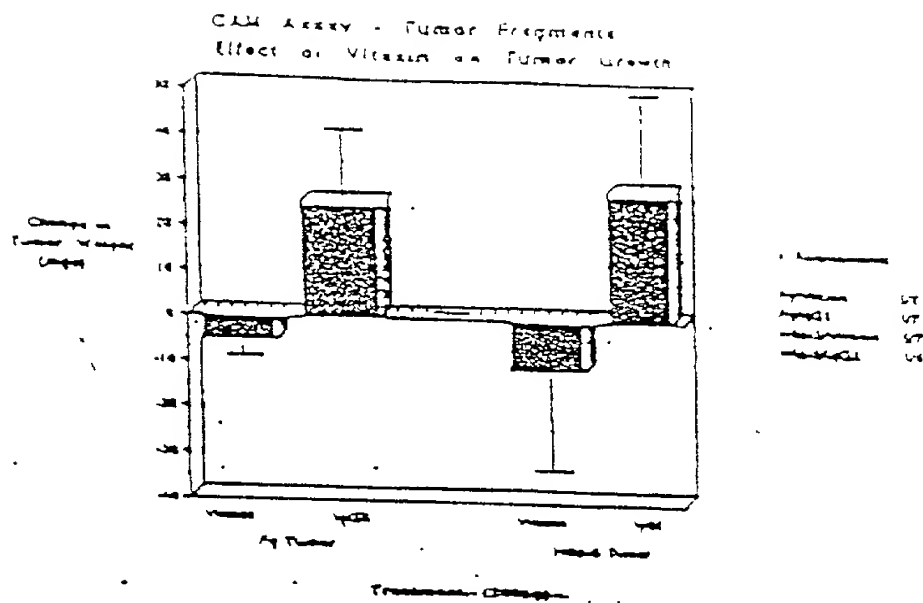


Figure 6B

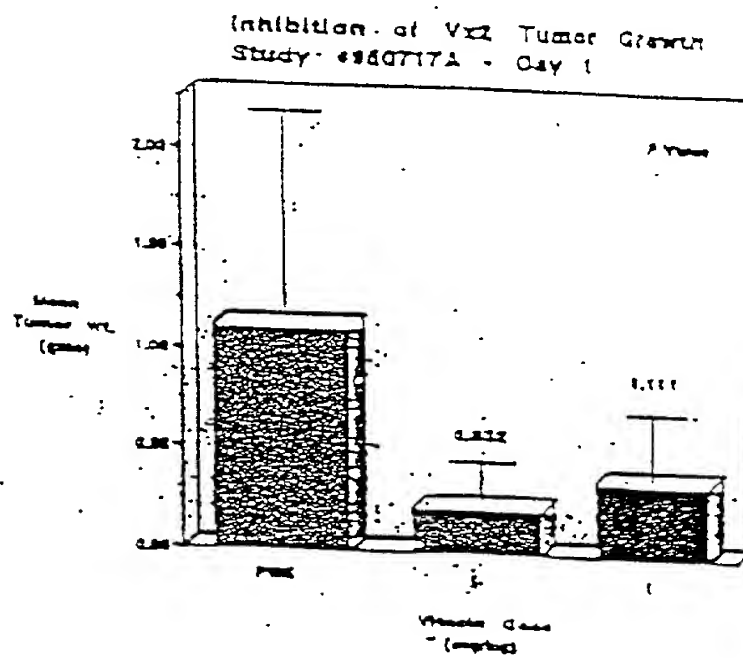
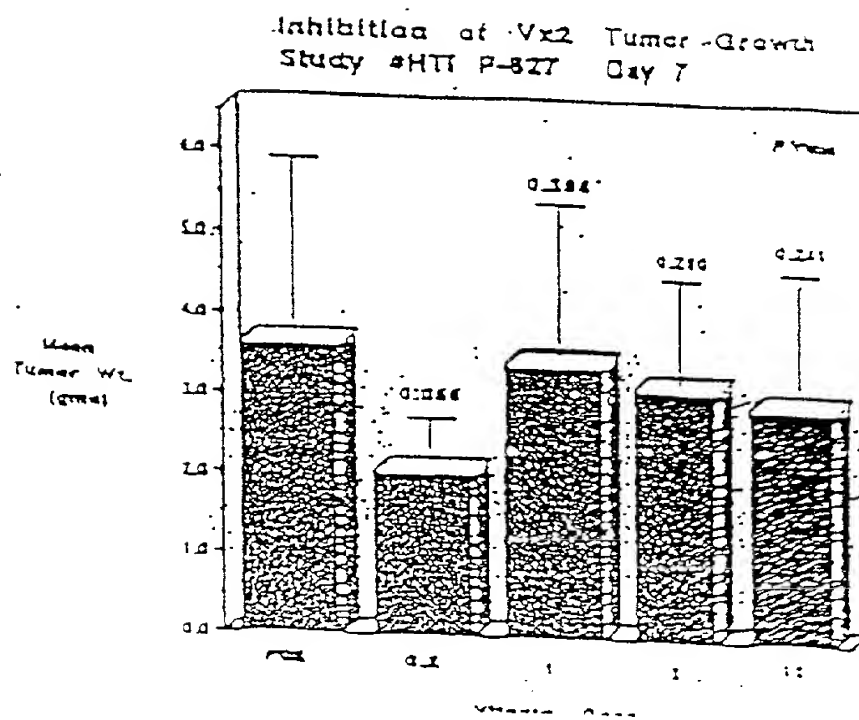


Figure 6C







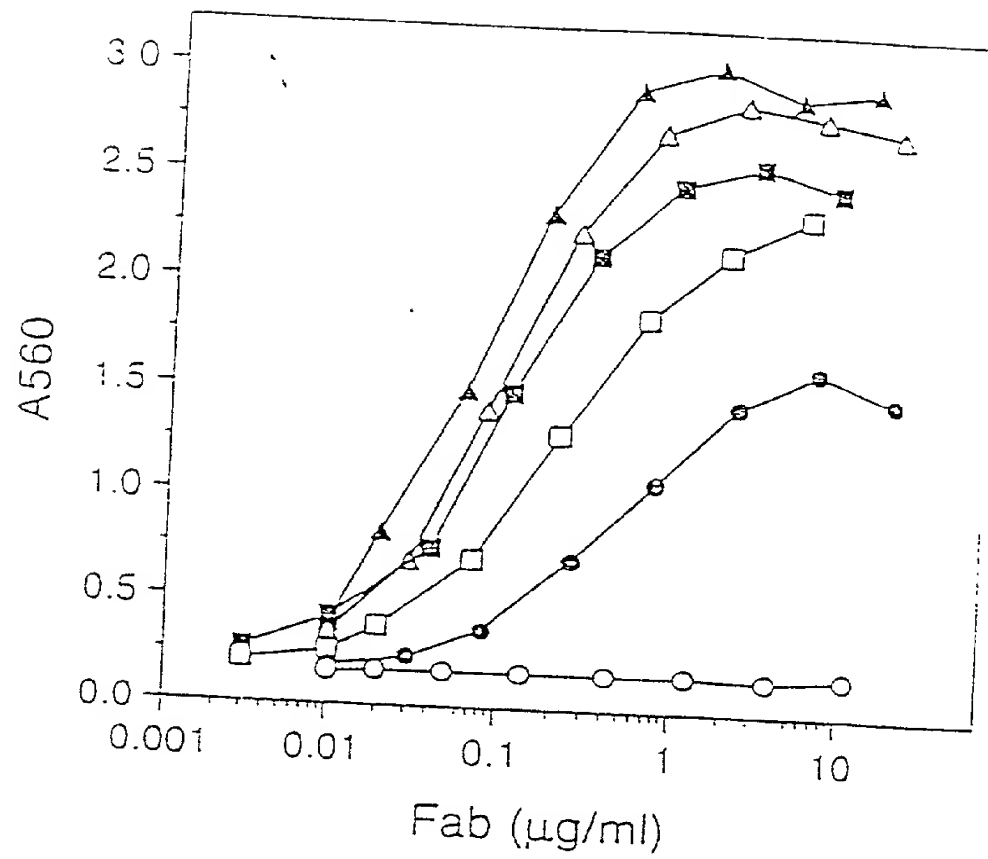


FIGURE 8

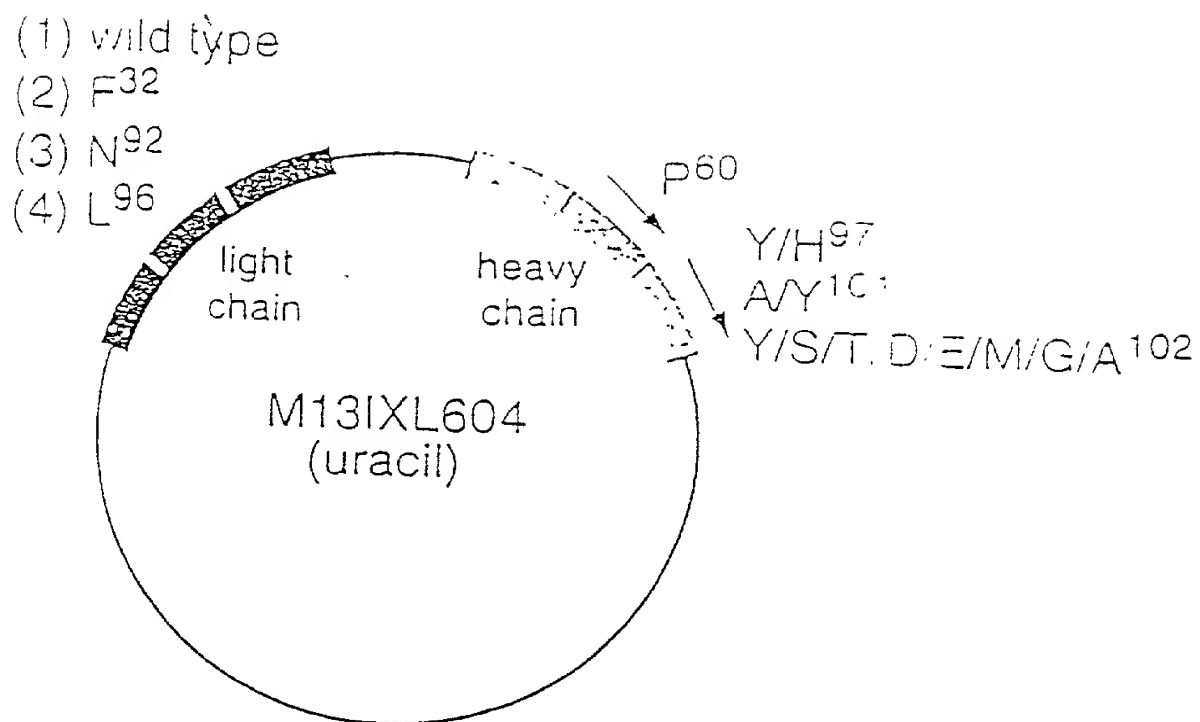


FIGURE 9

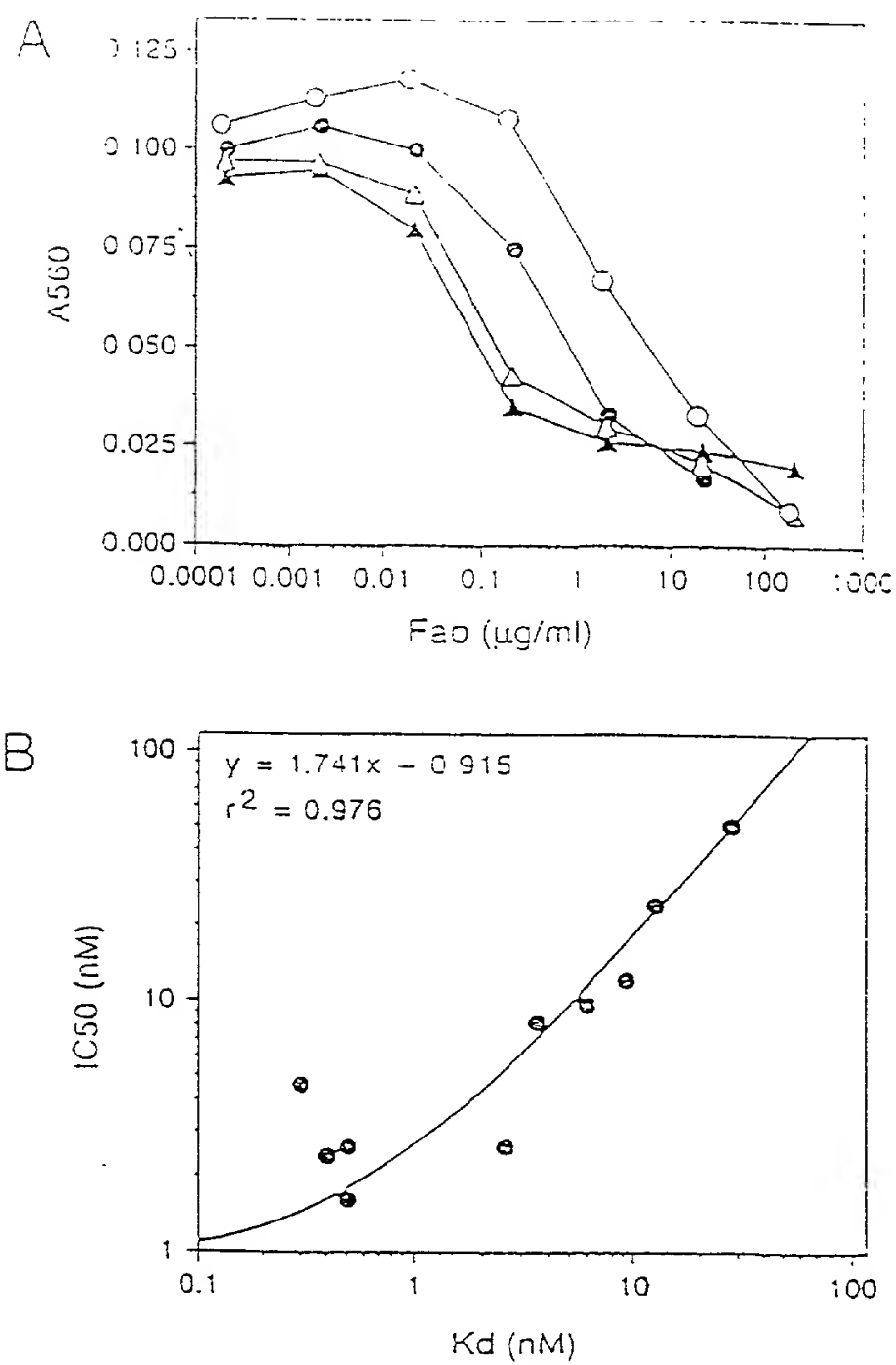


FIGURE 10

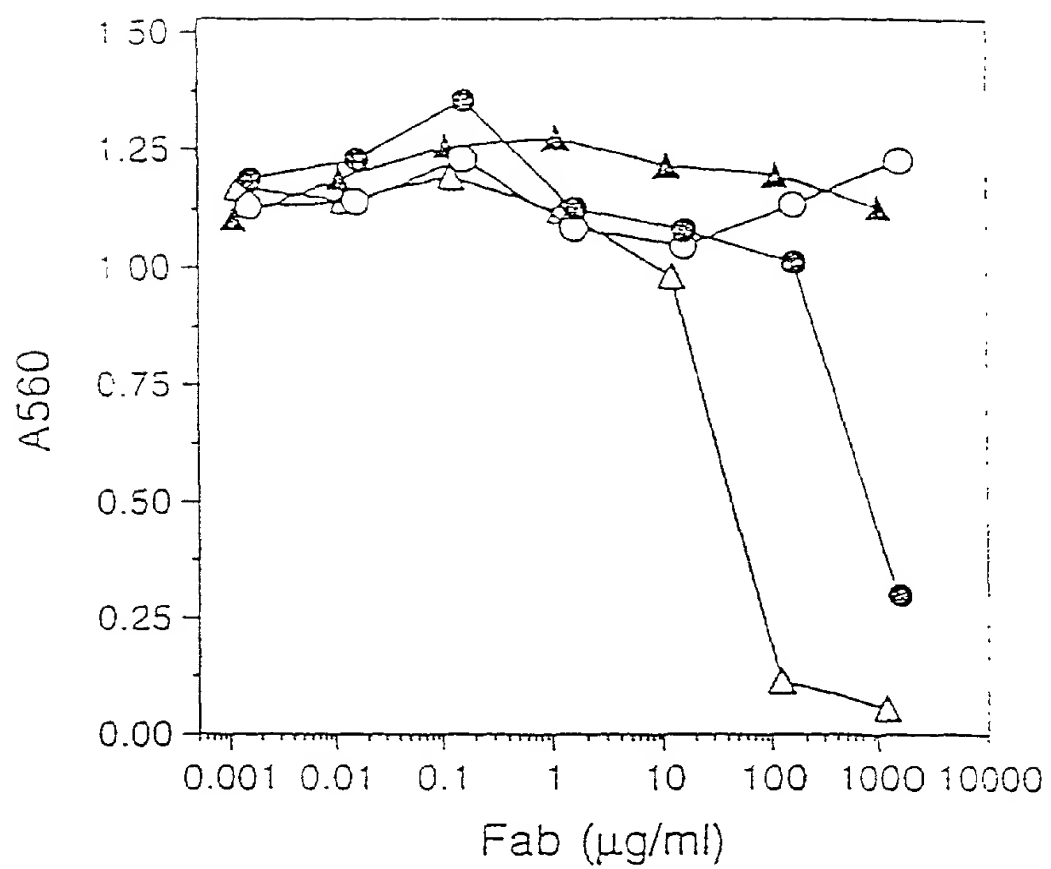


FIGURE 11